

ABSTRACT

Magnetic Separators

5 This invention relates to magnetic separators and in a particular
embodiment the separator includes a chamber 11 having inlets and outlets 12,
13 which together define a flow path 14. Axially extending tubes 15 are
disposed in an array around the cross-section of the chamber 11 and the
perforated baffle plate 18 divides the chamber 11 into top and bottom
10 compartments 16, 17. Each tube contains a magnetic shuttle 19, which can be
moved up and down the tube between separator and release positions using a
pneumatic control system.